

# Converting Colors

Hex(4E002C)

Have a look what the booklet for  
Hex(4E002C) contains.

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# Color

**Hex(4E002C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E002C
RGB	78, 0, 44
RGB Percent	31%, 0%, 17%
CMY	0.6941, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.44, 0.69
HSL	326°, 100%, 15%
HSV	326°, 100%, 31%
XYZ	3.5965, 1.8016, 2.5410
YIQ	28.3380, 32.3640, 30.2200

# Conversions

## Conversions Part 2

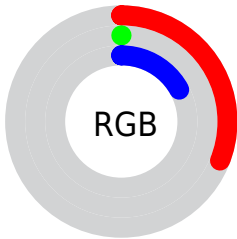
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 0, 44
Decimal	5111852
CIELab	14.41, 36.79, -4.72
CIELCh	14, 37.089, 352.682
Yxy	1.8016, 0.4530, 0.2269
Android (android.graphics.Color)	4283301932 (0xFF4E002C)
YUV	28.3380, 7.7214, 43.5536
Hunter-Lab	13.4222, 24.3407, -1.8291

# Details

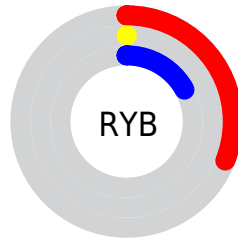
The Hex color **4E002C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004E22**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **833659**, and **1A0001** is the 20% darker color. If you saturate the color by 10%, you get **4E002C**, and if you desaturate by 10%, it is **4E082F**.

# Distribution



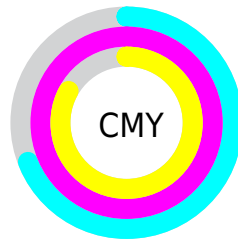
- Red (31%)
- Green (0%)
- Blue (17%)



- Red (31%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E002C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4E002C by changing the saturation by 10% instead.



 4E002C

 4E002C

 FFF2FF

 350018

 833659

 1A0001

 9E4F72

 000000

 BA698B

 D783A6

 F49EC1

 FFB9DD

 FFD5F9

 4E002C

■ 4E082F

■ 4E1033

■ 4E1736

■ 4E1F3A

■ 4E273D

■ 4E2F40

■ 4E3744

■ 4E3E47

■ 4E464B

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3C1144



4E002C



500312

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4E002C



1C2900



002E4E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4E002C



004E22

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002F38



4E002C



002D00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4E002C



342100



002F1D



002A59

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4E002C



4B0E00



002F1D



002F48



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4E002C



664759



22004E



33212B



B3B3B3



333333



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4E002C



66003A



4E0005



262225



E60081

# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4E002C



66003A



004E49



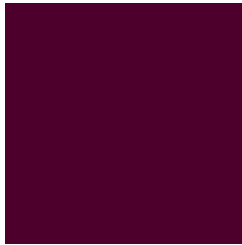
262225



E60081

# Previews

## White Background



This preview shows how the Hex color 4E002C looks on a white background.

## Color Contrast Check

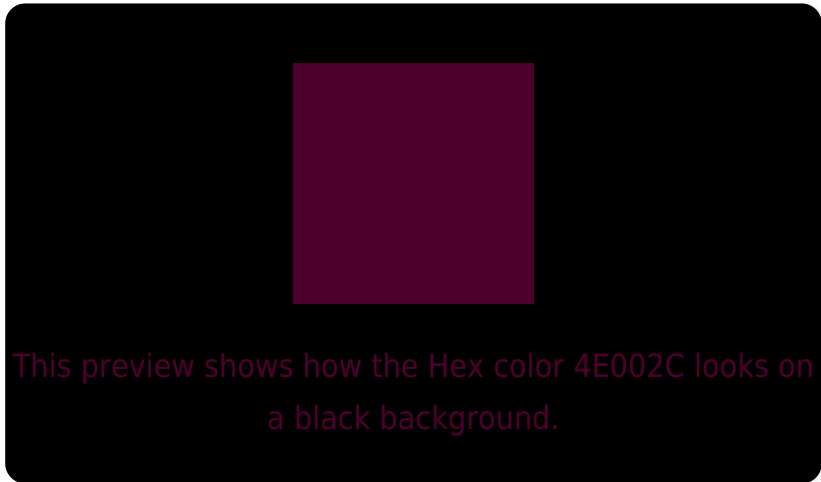
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

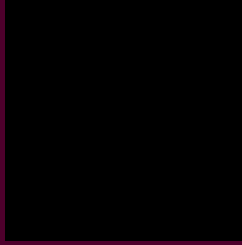
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex 4E002C Background



This preview shows how black text looks on a background with the Hex color 4E002C.



This preview shows how white text looks on a background with the Hex color 4E002C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4E002C

**Protanopia**  
21283F

**Deuteranopia**  
2D2829





**Tritanopia**  
4D1112

# Trichromacy



**Original Color**

4E002C

**Protanomaly**

311938

**Deuteranomaly**

39192A

**Tritanomaly**

4D0B1B

# Monochromacy



**Original Color**

4E002C

**Achromatopsia**

1C1C1C

**Achromatomaly**

2E1222

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E002C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4E002C looks like.

```
.text, #text, p{  
    color:#4E002C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4E002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E002C
}
```

## Border

The CSS property to change the border of an element to Hex 4E002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

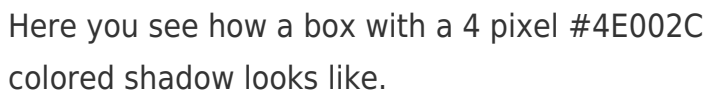
```
.border, #border, table{ border:4px solid
#4E002C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4E002C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4E002C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E002C; -webkit-box-shadow:4px 4px  
4px 4px #4E002C; box-shadow:4px 4px 4px  
4px #4E002C }
```

# Background

The CSS property to change the background color of an element to Hex 4E002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E002C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4E002C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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